

Product Datasheet

Adenylate Cyclase 3 Antibody (1A12) - BSA Free NBP3-05526-100ul

Unit Size: 100 ul

Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-05526-100ul

Adenylate Cyclase 3 Antibody (1A12) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A12
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	120 kDa

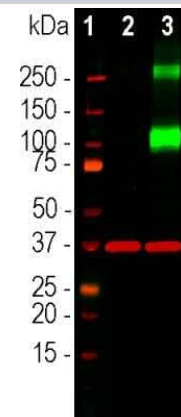
Product Description	
Host	Mouse
Gene ID	109
Gene Symbol	ADCY3
Species	Human, Mouse, Rat
Immunogen	C-terminal peptide of rat Adenylate Cyclase 3, PAAFPNGSSVTLPHQVVDNP with a Cys added to the N-terminus to allow coupling to KLH.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000

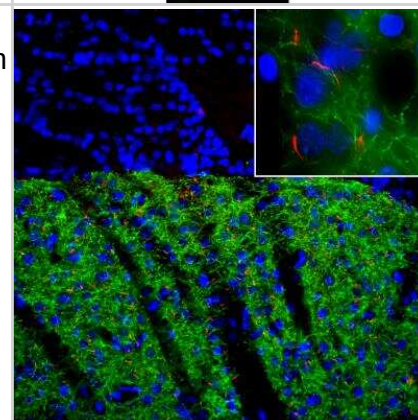


Images

Western Blot: Adenylate Cyclase 3 Antibody [NBP3-05526] - Western blot analysis of HEK293 cell lysates using Adenylate Cyclase 3 Antibody, dilution 1:1,000, in green: [1] protein standard, [2] non-transfected HEK293 cells, and [3] HEK293 cells transfected with a vector encoding Myc-DDK tagged full length human adenylate cyclase 3. The strong band at about 130kDa in transfected cells demonstrates overexpression of the human adenylate cyclase 3 protein, and bands over 250kDa presumably correspond to either heavily glycosylated form of adenylate cyclase 3 or multimeric forms of the protein. The same blot was simultaneously probed with rabbit polyclonal antibody to GAPDH dilution 1:20,000 in red, which reveals the single band at ~37kDa seen in both transfected and non-transfected cells.



Immunocytochemistry/Immunofluorescence: Adenylate Cyclase 3 Antibody [NBP3-05526] - Immunofluorescence of caudate/putamen region of rat brain stained with Adenylate Cyclase 3 Antibody in red, and chicken antibody to tyrosine hydroxylase, in green. The Blue is Hoechst stain revealing nuclei. The Adenylate Cyclase 3 Antibody reveals neuronal cilia while the tyrosine hydroxylase antibody reveals the axons of catecholaminergic neurons.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-05526-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00000109-Q01-10ug	Recombinant Human Adenylate Cyclase 3 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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